

**203.17 - Thermal Resistance of Glass, Silica, and Polystyrene (solid forms)**

For further information see [SP 260-130](#)

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	1449	1450c	1452	1453	1459
Description	Fumed Silica Board	Fibrous Glass Board	Fibrous Glass Blanket for High Precision Measurements	Thermal Resistance Expanded Polystyrene Board	Fumed Silica Board
Unit of Issue	(each)	(each)	(each)	(each)	(each)
Temperature Range (K)	297.1	280 to 340	297.1	285 to 310	297.1
Thermal Resistance at 293 K (m <sup>2</sup> · K · W <sup>-1</sup> )	1.2	0.78	0.6	0.4	1.2